

Title (en)
Multifunction apparatus with operational data protection

Title (de)
Multifunktionsvorrichtung mit Betriebsdatenschutz

Title (fr)
Dispositif à usage multiple avec protection de l' information operationnel

Publication
EP 1359585 A3 20040310 (EN)

Application
EP 03252671 A 20030428

Priority
KR 20020023578 A 20020430

Abstract (en)
[origin: EP1359585A2] A system includes a control part (131) which controls operations of a DVD part (130), and detects and outputs operation information of the DVD part(130), a controller (111) which controls operations of the control part (131) and a VCR part (110), and receives the operation information output from the control part (131), and a storage part (112) which stores the operation information of the DVD part (130) received in the controller (111). The system further includes a power supply part (152) which supplies electric power supplied from an external source to the DVD part (130) and the VCR part (110), a decision part (153) which determines whether there has been a cut off of the electric power supplied to the power supply part (154), and a low-power supply part (154) which charges low-consumption power necessary to operate the controller (111) during a supplying of the electric power to the power supply part (154). When the decision part (153) determines that the electric power supplied to the power supply part (154) is cut off, the low-power supply part (154) supplies the low-consumption power to the controller (111). The operation information is stored in the storage part (112) which may be provided inside the controller (111). Accordingly, separate memories are not necessary to store the operation information. Furthermore, the system is capable of restoring operation states of, for example, the DVD part, upon re-supply of the electric power after the cut off of the electric power. <IMAGE>

IPC 1-7
G11B 31/00; **G06F 11/14**; **H04N 7/00**; **G06F 11/20**

IPC 8 full level
G06F 11/14 (2006.01); **G11B 19/02** (2006.01); **G11B 31/00** (2006.01); **H04N 5/765** (2006.01); **G06F 11/20** (2006.01); **H04N 5/775** (2006.01)

CPC (source: EP KR US)
G06F 11/1441 (2013.01 - EP US); **G11B 19/02** (2013.01 - EP KR US); **G11B 31/00** (2013.01 - EP US); **H04N 5/765** (2013.01 - EP US); **G06F 11/2015** (2013.01 - EP US); **H04N 5/775** (2013.01 - EP US)

Citation (search report)

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EP 1359585 A2 20031105; **EP 1359585 A3 20040310**; **EP 1359585 B1 20060614**; CN 100470652 C 20090318; CN 1455404 A 20031112; DE 60306027 D1 20060727; DE 60306027 T2 20061214; KR 100740225 B1 20070718; KR 20030085670 A 20031107; US 2003202783 A1 20031030

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